

Derwent Title: **Mfg. sintered component esp. connecting rod - having split bearing aperture, in which bearing aperture-forming components are separately pressed and sintered**

Original Title: ☒ **DE3904020A1**: Verfahren zum Herstellen von Bauteilen mit geteiltem Lagerauge

Assignee: **BAYERISCHE MOTOREN WERKE AG** Standard company  
Other publications from **BAYERISCHE MOTOREN WERKE AG (BAYM)**...

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IPC Code: **B22F 7/06** ;

Derwent Classes: **M22; P53**;

Manual Codes: **M22-H03G(Powder metal products)**

Derwent Abstract: **(DE3904020A)** In the prodn. of sintered components with split bearing apertures, esp. i.c. engine connecting rods, the bearing aperture-forming components are separately pre-pressed and sintered and then than components are assembled in a sizing mould to form the bearing aperture and subjected to post-pressing (sizing).  
**Advantage** - Mfg. costs are reduced compared with processes involving machining and cryogenic fracture to form the split apertures.

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Family:

PDF	Patent	Pub. Date	Derwent Update	Pages	Language	IPC Code
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